

Title (en)

Process of making a glass gob

Title (de)

Verfahren zur Herstellung eines Glasgobs

Title (fr)

Procédé de fabrication d'une paraison de verre

Publication

EP 1757563 A3 20080702 (DE)

Application

EP 06017323 A 20060819

Priority

DE 102005041033 A 20050826

Abstract (en)

[origin: EP1757563A2] The assembly to produce a gob of molten glass, to be used for an optical pressed glass product, has a container (10) for the molten glass (12) and a cylindrical mold (18). The mold is of silicon carbide ceramic, boron carbide ceramic or tungsten carbide ceramic resistant to oxidation against glass and without sticking. The glass flows through an opening (14) to be cut off by shears (16) and drop into the mold. When cool, the gob is removed from the mold with a fire polished end surface and a mantle surface through contact with the mold, suitable for blank pressing.

IPC 8 full level

C03B 19/02 (2006.01); **C03B 7/00** (2006.01); **C03B 7/10** (2006.01); **C03B 11/08** (2006.01)

CPC (source: EP US)

C03B 7/10 (2013.01 - EP US); **C03B 11/08** (2013.01 - EP US); **C03B 19/02** (2013.01 - EP US)

Citation (search report)

- [X] JP S6452619 A 19890228 - OHARA KK
- [X] US 3961927 A 19760608 - ALDERSON JOHN VICTOR, et al
- [DX] JP S5562815 A 19800512 - OBARA OPTICAL GLASS
- [XD] US 2004079114 A1 20040429 - AITKEN BRUCE G [US], et al
- [X] DE 10139040 A1 20020801 - SCHOTT GLAS [DE]
- [X] WO 0183386 A1 20011108 - SCHOTT GLAS [DE], et al
- [X] DE 10348947 A1 20050519 - SCHOTT AG [DE]
- [X] US 2005162758 A1 20050728 - TANAKA HIROYUKI [JP]

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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